

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092624\  
 Data File : PL092085CC-2.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2024 20:45  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 02:50:05 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 23 16:44:57 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.541  | 2.780 | 112.9E6  | 147.7E6  | 50.742   | 58.888     |
| 28)                         | SA Decachlor... | 9.059  | 7.921 | 73716838 | 119.6E6  | 44.998   | 47.785     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.996  | 3.283 | 162.0E6  | 216.6E6  | 52.327   | 59.460     |
| 3)                          | MA gamma-BHC... | 4.329  | 3.613 | 176.6E6  | 207.1E6  | 56.987   | 58.640     |
| 4)                          | MA Heptachlor   | 4.918  | 3.952 | 137.2E6  | 194.9E6  | 49.614   | 56.493     |
| 5)                          | MB Aldrin       | 5.259  | 4.232 | 135.6E6  | 196.5E6  | 48.804   | 57.783     |
| 6)                          | B beta-BHC      | 4.526  | 3.912 | 65583033 | 84619336 | 49.445   | 56.297     |
| 7)                          | B delta-BHC     | 4.773  | 4.141 | 149.9E6  | 206.9E6  | 51.988   | 59.596     |
| 8)                          | B Heptachlo...  | 5.686  | 4.735 | 117.6E6  | 169.0E6  | 46.213   | 55.903     |
| 9)                          | A Endosulfan I  | 6.072  | 5.105 | 109.9E6  | 150.4E6  | 47.496   | 54.792     |
| 10)                         | B gamma-Chl...  | 5.942  | 4.985 | 119.6E6  | 167.4E6  | 48.393   | 55.635     |
| 11)                         | B alpha-Chl...  | 6.021  | 5.049 | 117.3E6  | 164.6E6  | 47.624   | 54.982     |
| 12)                         | B 4,4'-DDE      | 6.195  | 5.238 | 106.7E6  | 159.5E6  | 49.316   | 57.415     |
| 13)                         | MA Dieldrin     | 6.347  | 5.369 | 115.9E6  | 161.6E6  | 47.535   | 55.134     |
| 14)                         | MA Endrin       | 6.577  | 5.645 | 93326276 | 138.5E6  | 45.289   | 52.829     |
| 15)                         | B Endosulfa...  | 6.796  | 5.940 | 102.5E6  | 134.7E6  | 46.613   | 53.843     |
| 16)                         | A 4,4'-DDD      | 6.712  | 5.793 | 87972629 | 127.7E6  | 48.990   | 59.780     |
| 17)                         | MA 4,4'-DDT     | 7.026  | 6.044 | 85434587 | 123.9E6  | 46.401   | 53.553     |
| 18)                         | B Endrin al...  | 6.926  | 6.119 | 80995282 | 109.2E6  | 46.475   | 53.489     |
| 19)                         | B Endosulfa...  | 7.160  | 6.342 | 90147993 | 127.0E6  | 45.477   | 52.645     |
| 20)                         | A Methoxychlor  | 7.502  | 6.619 | 45178314 | 64837135 | 46.020   | 51.855     |
| 21)                         | B Endrin ke...  | 7.646  | 6.847 | 102.8E6  | 151.3E6  | 46.784   | 54.635     |
| 22)                         | Mirex           | 8.120  | 7.029 | 74792224 | 115.2E6  | 41.528   | 47.341     |
| 24)                         | Chlordane-2     | 5.259f | 4.370 | 135.6E6  | 1273435  | 1263.968 | 11.347 #   |
| 25)                         | Chlordane-3     | 5.942  | 4.985 | 119.6E6  | 167.4E6  | 319.266  | 505.333 #  |
| 26)                         | Chlordane-4     | 6.021  | 5.049 | 117.3E6  | 164.6E6  | 259.056  | 518.750 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.940 | 0        | 134.7E6  | N.D.     | 1242.407 # |
| -----                       |                 |        |       |          |          |          |            |

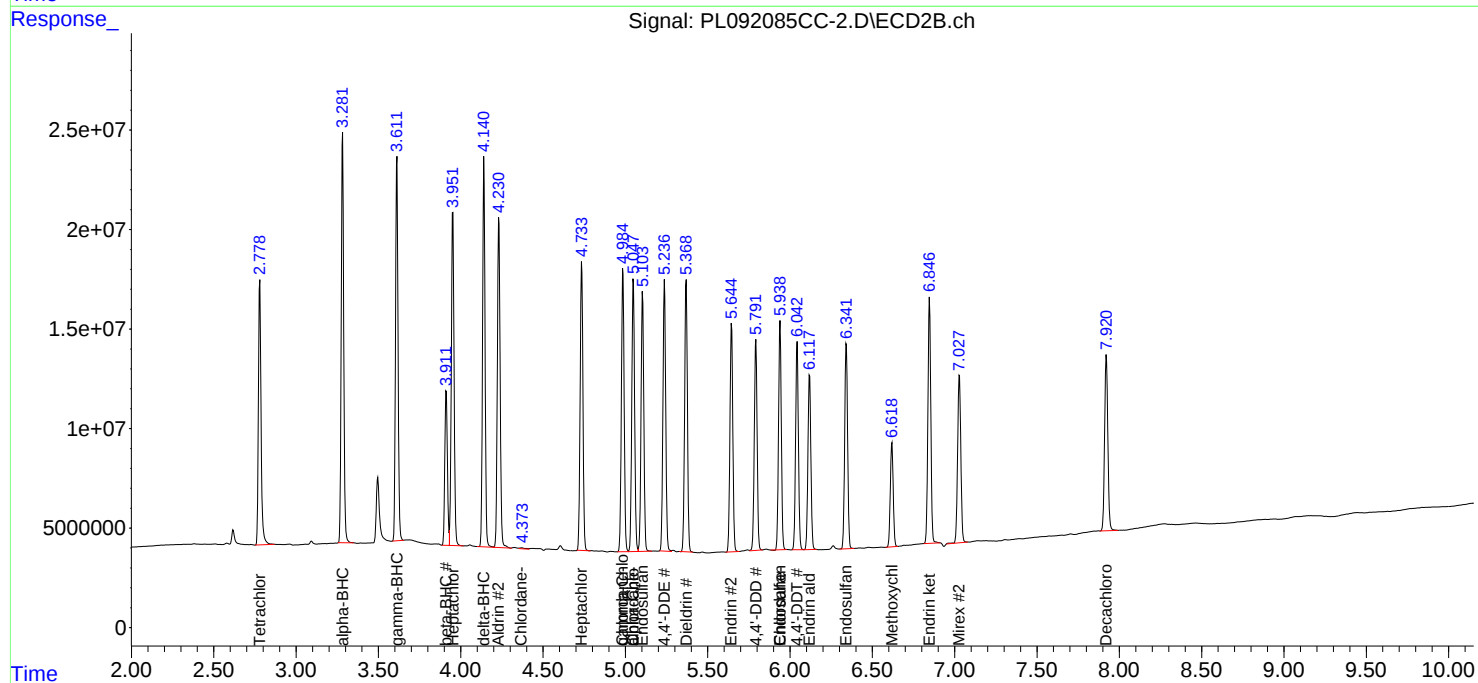
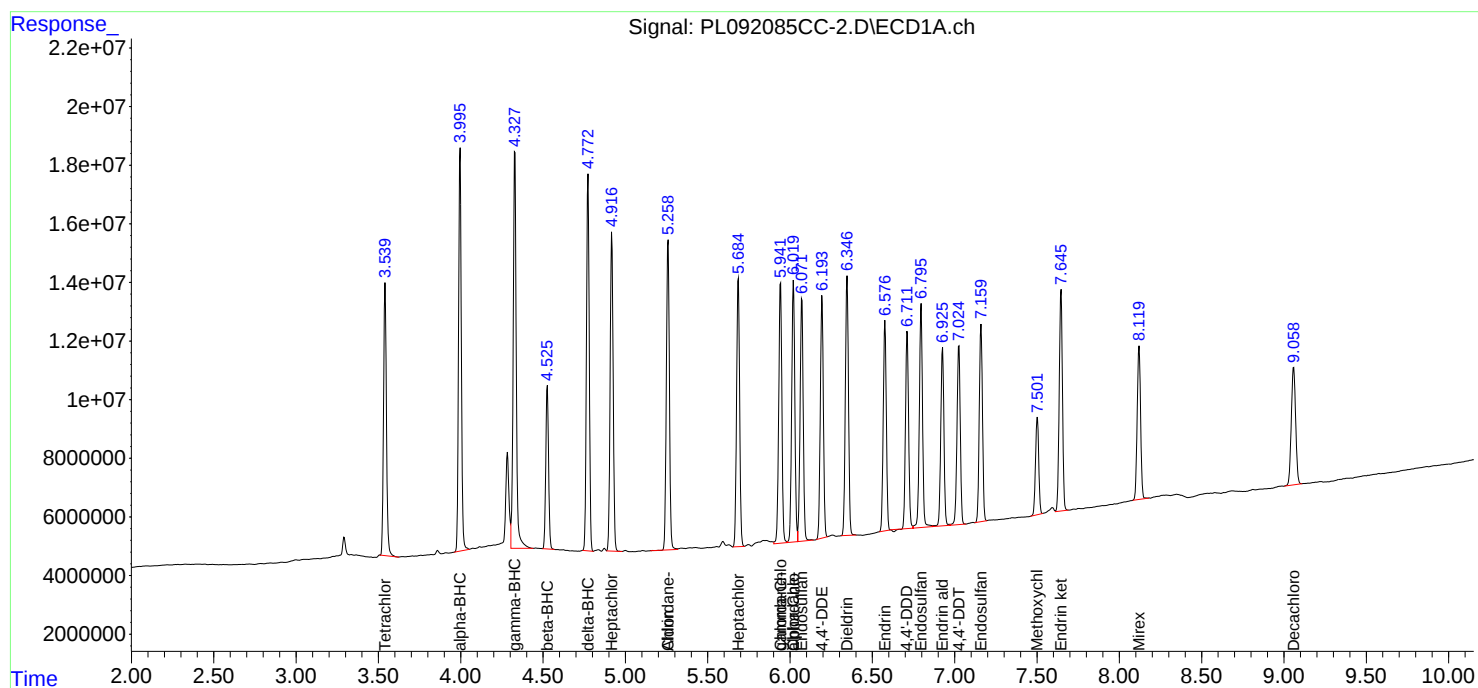
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

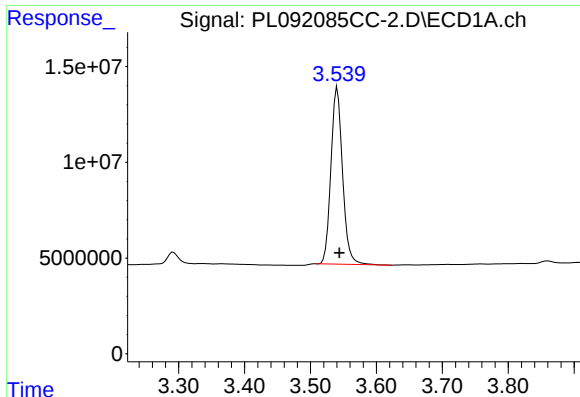
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092624\  
Data File : PL092085CC-2.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2024 20:45  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 02:50:05 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 23 16:44:57 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

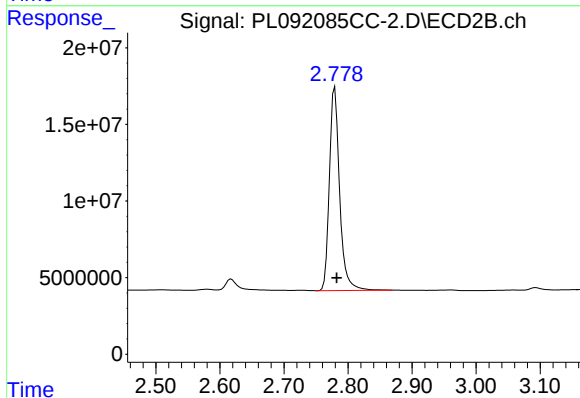




#1 Tetrachloro-m-xylene

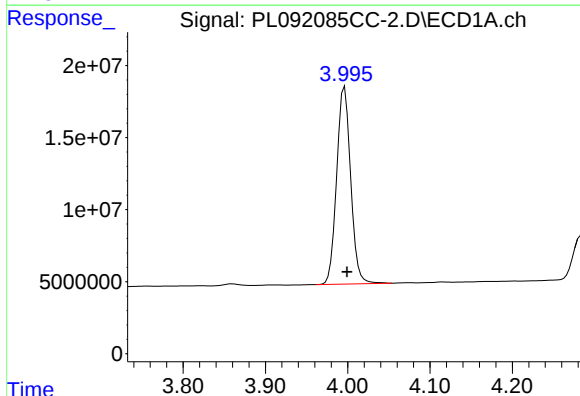
R.T.: 3.541 min  
Delta R.T.: -0.003 min  
Response: 112883229  
Conc: 50.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



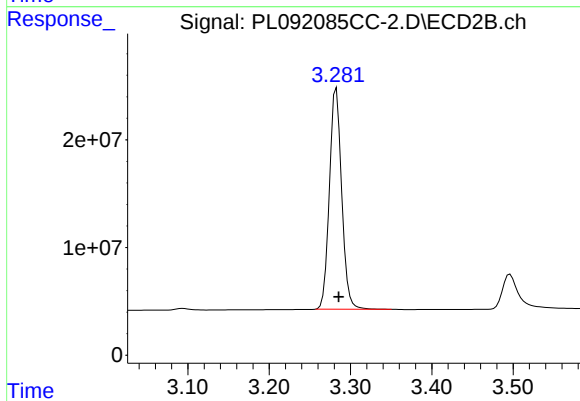
#1 Tetrachloro-m-xylene

R.T.: 2.780 min  
Delta R.T.: -0.003 min  
Response: 147694843  
Conc: 58.89 ng/ml



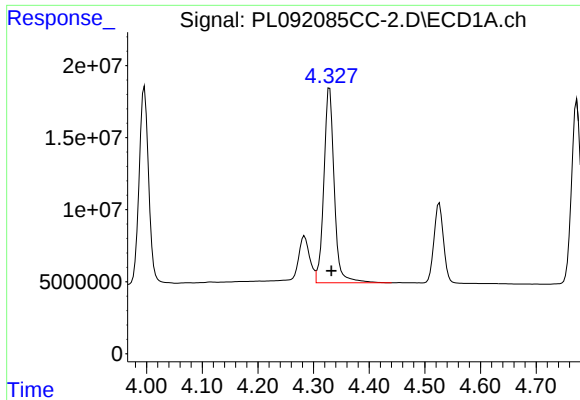
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: -0.003 min  
Response: 162031504  
Conc: 52.33 ng/ml



#2 alpha-BHC

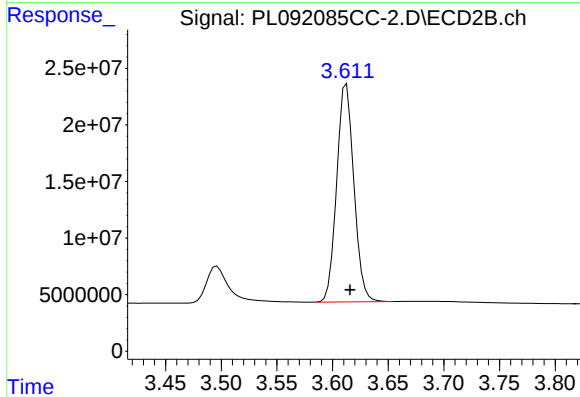
R.T.: 3.283 min  
Delta R.T.: -0.003 min  
Response: 216630983  
Conc: 59.46 ng/ml



#3 gamma-BHC (Lindane)

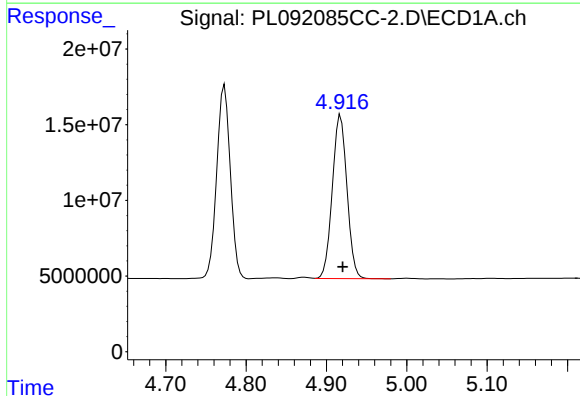
R.T.: 4.329 min  
Delta R.T.: -0.003 min  
Response: 176590748  
Conc: 56.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



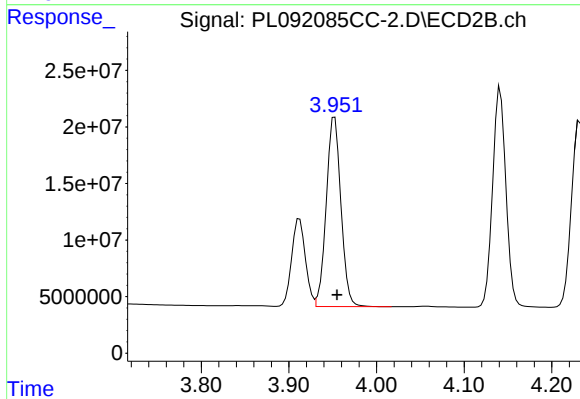
#3 gamma-BHC (Lindane)

R.T.: 3.613 min  
Delta R.T.: -0.003 min  
Response: 207056829  
Conc: 58.64 ng/ml



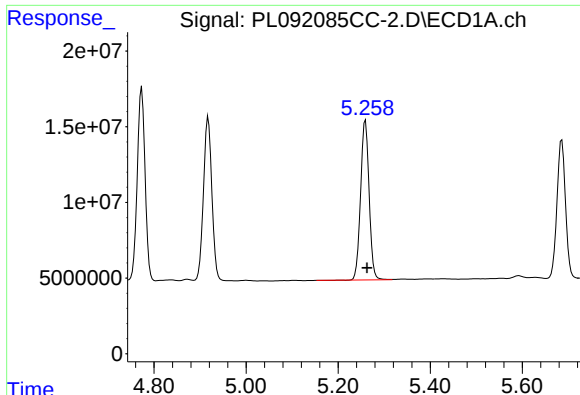
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: -0.003 min  
Response: 137206020  
Conc: 49.61 ng/ml



#4 Heptachlor

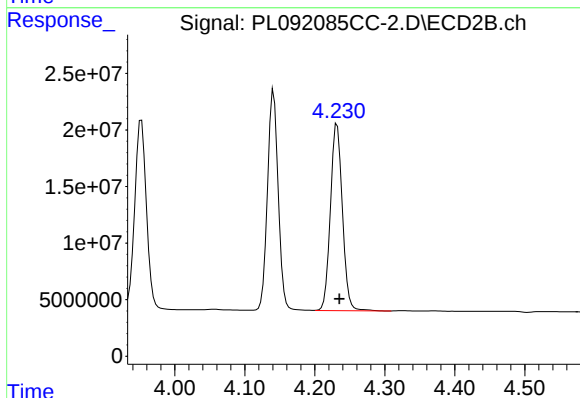
R.T.: 3.952 min  
Delta R.T.: -0.003 min  
Response: 194936230  
Conc: 56.49 ng/ml



#5 Aldrin

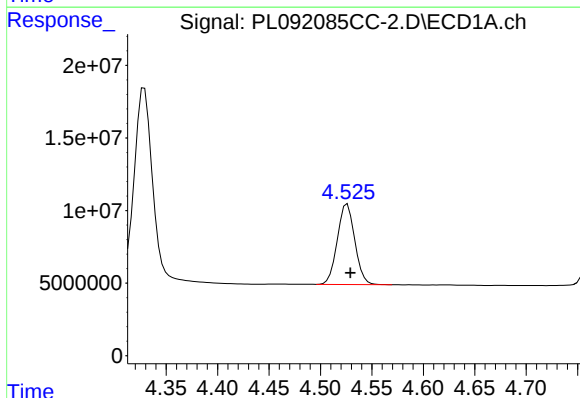
R.T.: 5.259 min  
Delta R.T.: -0.003 min  
Response: 135556294  
Conc: 48.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



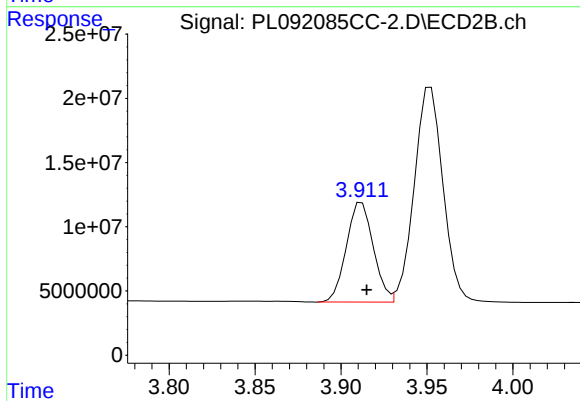
#5 Aldrin

R.T.: 4.232 min  
Delta R.T.: -0.003 min  
Response: 196524296  
Conc: 57.78 ng/ml



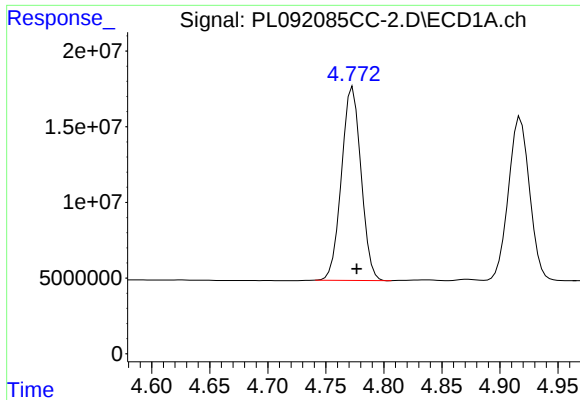
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: -0.003 min  
Response: 65583033  
Conc: 49.45 ng/ml



#6 beta-BHC

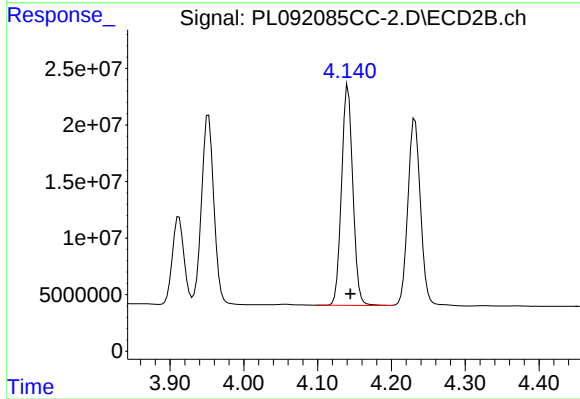
R.T.: 3.912 min  
Delta R.T.: -0.003 min  
Response: 84619336  
Conc: 56.30 ng/ml



#7 delta-BHC

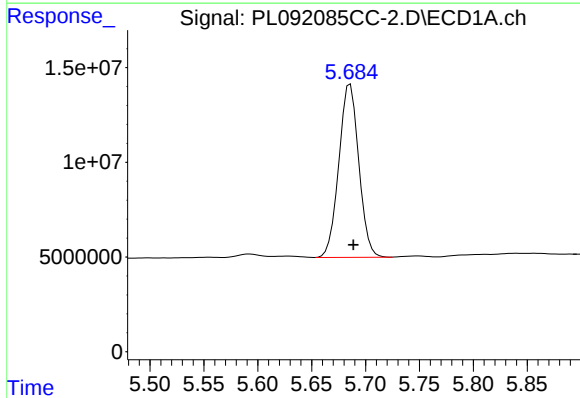
R.T.: 4.773 min  
Delta R.T.: -0.003 min  
Response: 149945395  
Conc: 51.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



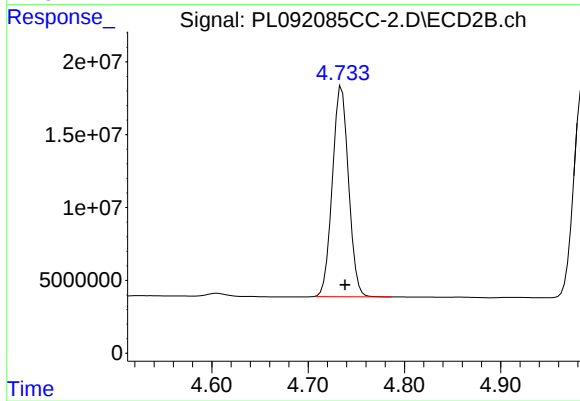
#7 delta-BHC

R.T.: 4.141 min  
Delta R.T.: -0.003 min  
Response: 206898333  
Conc: 59.60 ng/ml



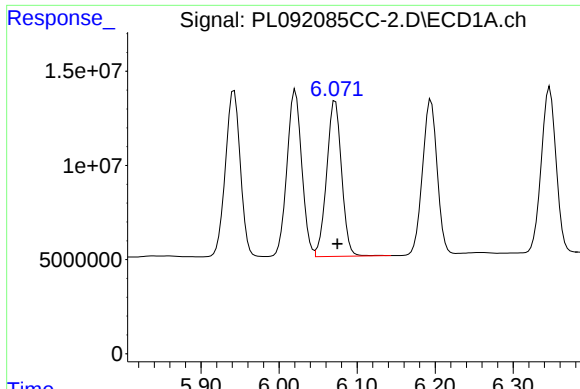
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: -0.003 min  
Response: 117611644  
Conc: 46.21 ng/ml



#8 Heptachlor epoxide

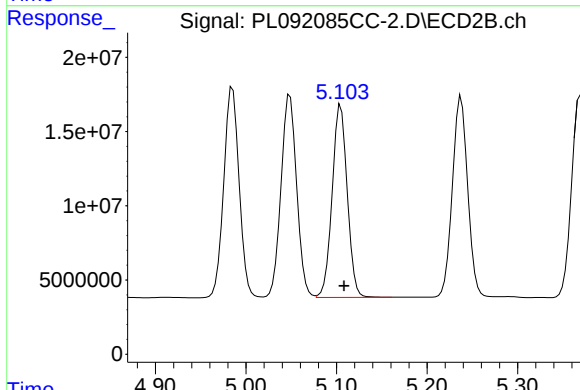
R.T.: 4.735 min  
Delta R.T.: -0.003 min  
Response: 168986879  
Conc: 55.90 ng/ml



#9 Endosulfan I

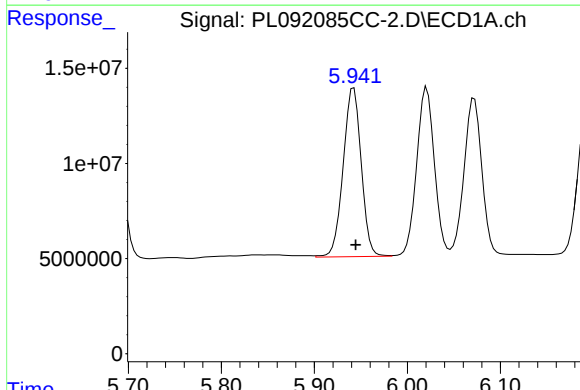
R.T.: 6.072 min  
Delta R.T.: -0.003 min  
Response: 109876258  
Conc: 47.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



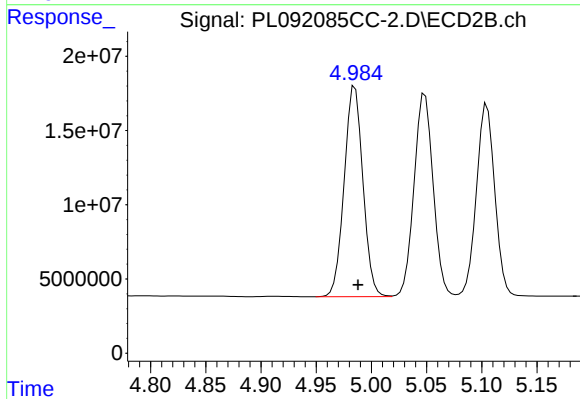
#9 Endosulfan I

R.T.: 5.105 min  
Delta R.T.: -0.003 min  
Response: 150385220  
Conc: 54.79 ng/ml



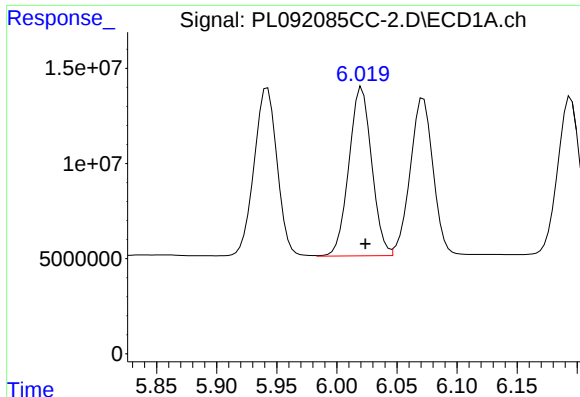
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: -0.002 min  
Response: 119589765  
Conc: 48.39 ng/ml



#10 gamma-Chlordane

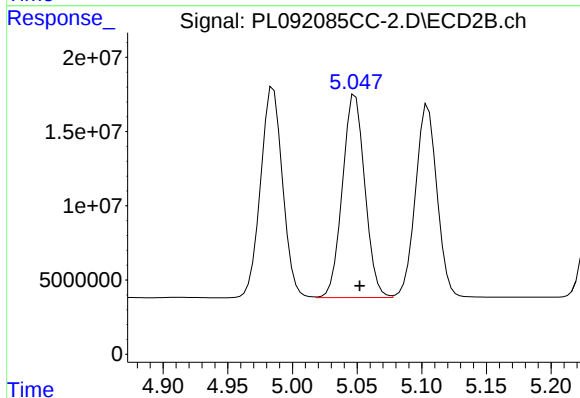
R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 167380649  
Conc: 55.63 ng/ml



#11 alpha-Chlordane

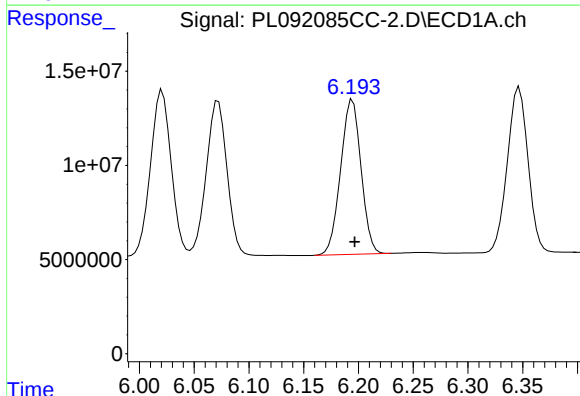
R.T.: 6.021 min  
Delta R.T.: -0.003 min  
Response: 117312726  
Conc: 47.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



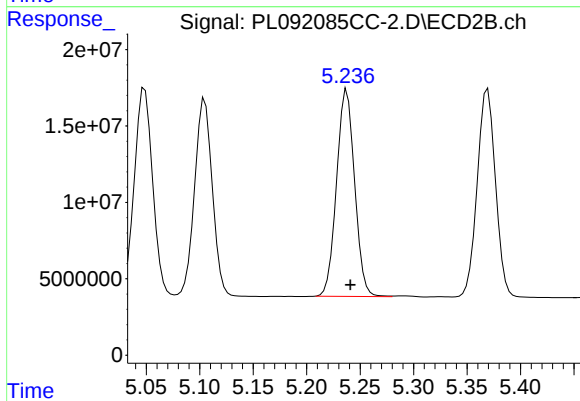
#11 alpha-Chlordane

R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 164589880  
Conc: 54.98 ng/ml



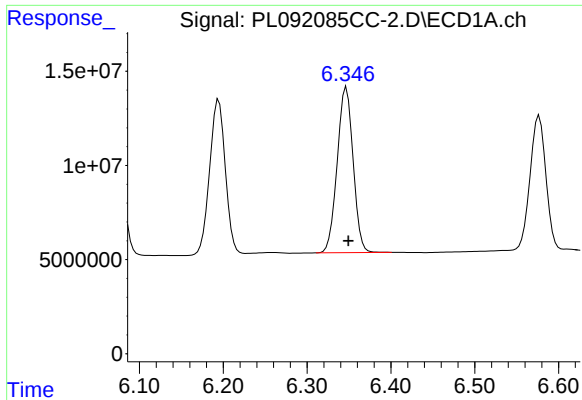
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: -0.002 min  
Response: 106739651  
Conc: 49.32 ng/ml



#12 4,4'-DDE

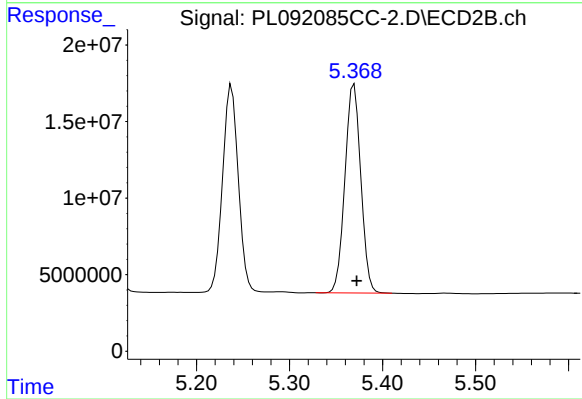
R.T.: 5.238 min  
Delta R.T.: -0.003 min  
Response: 159546274  
Conc: 57.41 ng/ml



#13 Dieldrin

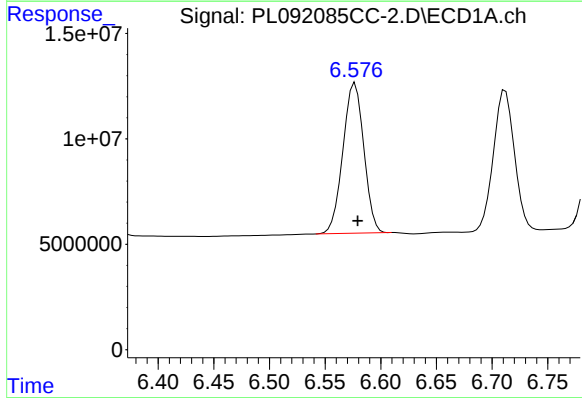
R.T.: 6.347 min  
Delta R.T.: -0.002 min  
Response: 115931463  
Conc: 47.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



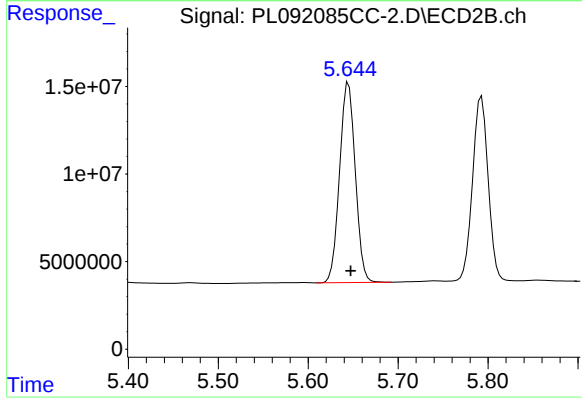
#13 Dieldrin

R.T.: 5.369 min  
Delta R.T.: -0.003 min  
Response: 161645031  
Conc: 55.13 ng/ml



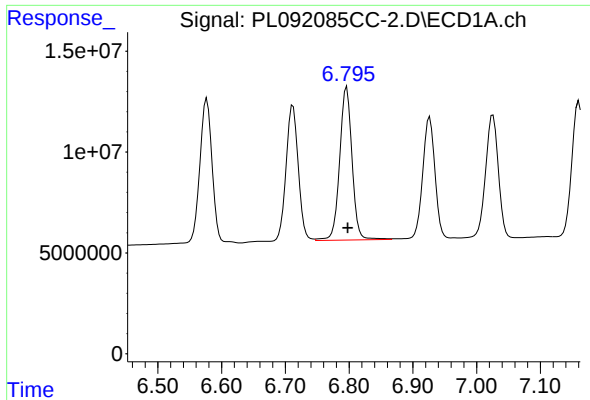
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: -0.002 min  
Response: 93326276  
Conc: 45.29 ng/ml



#14 Endrin

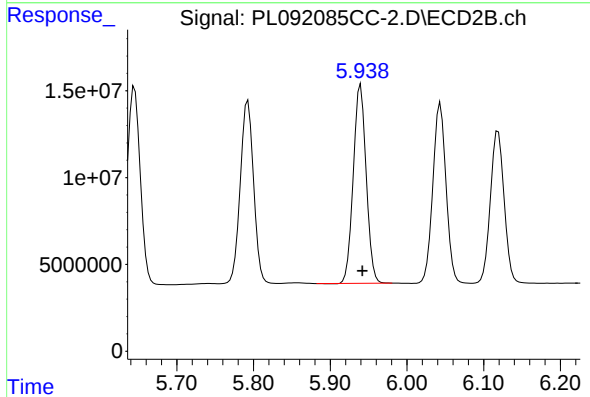
R.T.: 5.645 min  
Delta R.T.: -0.003 min  
Response: 138528089  
Conc: 52.83 ng/ml



#15 Endosulfan II

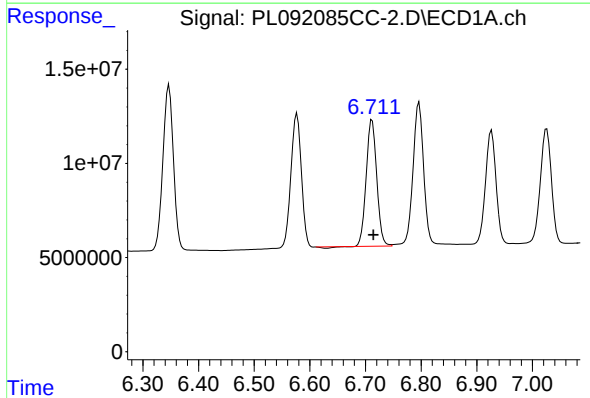
R.T.: 6.796 min  
Delta R.T.: -0.002 min  
Response: 102535260  
Conc: 46.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



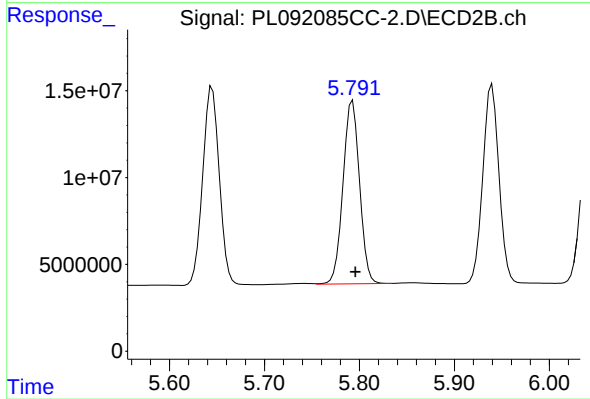
#15 Endosulfan II

R.T.: 5.940 min  
Delta R.T.: -0.002 min  
Response: 134738314  
Conc: 53.84 ng/ml



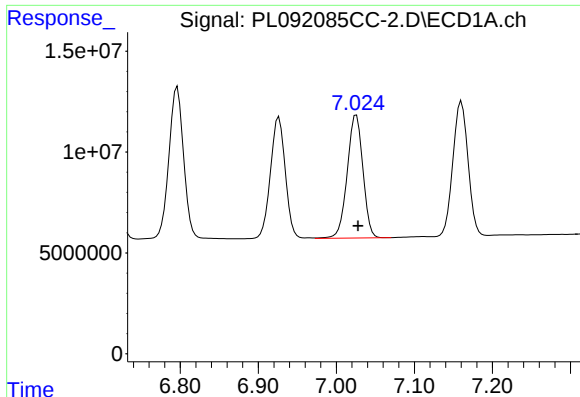
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: -0.002 min  
Response: 87972629  
Conc: 48.99 ng/ml



#16 4,4'-DDD

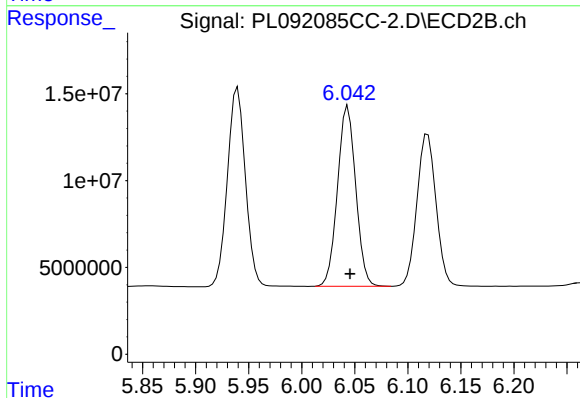
R.T.: 5.793 min  
Delta R.T.: -0.003 min  
Response: 127703964  
Conc: 59.78 ng/ml



#17 4,4'-DDT

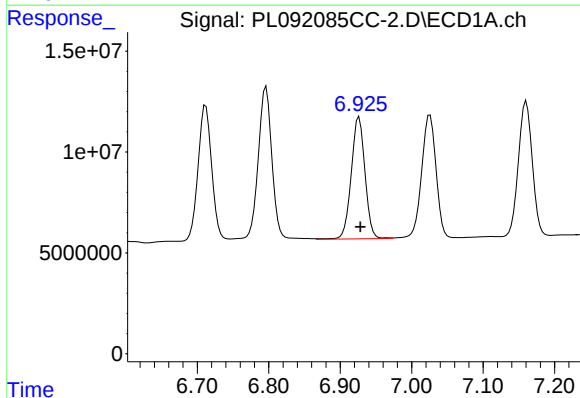
R.T.: 7.026 min  
Delta R.T.: -0.002 min  
Response: 85434587  
Conc: 46.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



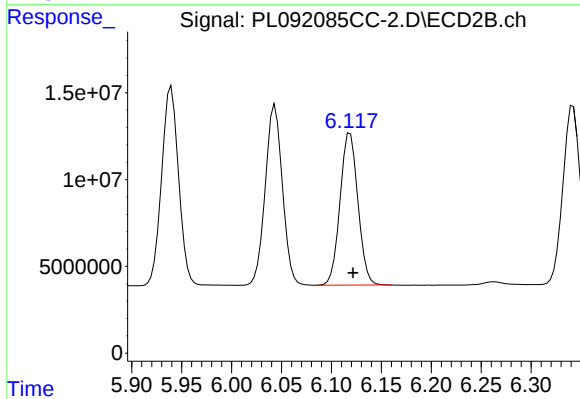
#17 4,4'-DDT

R.T.: 6.044 min  
Delta R.T.: -0.002 min  
Response: 123876414  
Conc: 53.55 ng/ml



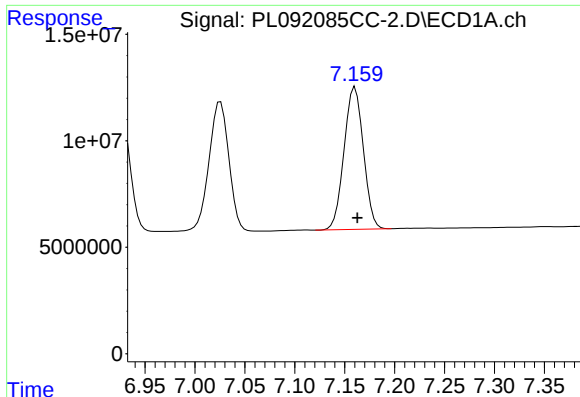
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: -0.002 min  
Response: 80995282  
Conc: 46.48 ng/ml



#18 Endrin aldehyde

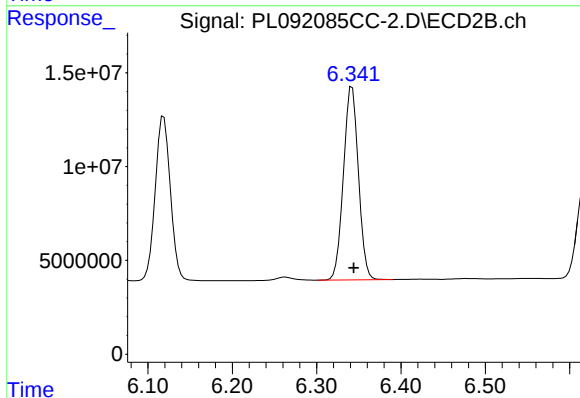
R.T.: 6.119 min  
Delta R.T.: -0.003 min  
Response: 109156782  
Conc: 53.49 ng/ml



#19 Endosulfan Sulfate

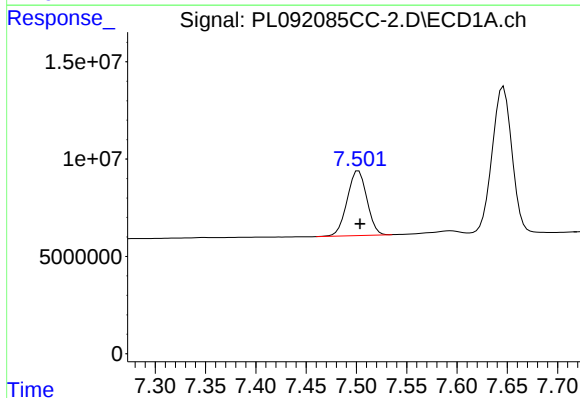
R.T.: 7.160 min  
Delta R.T.: -0.002 min  
Response: 90147993  
Conc: 45.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



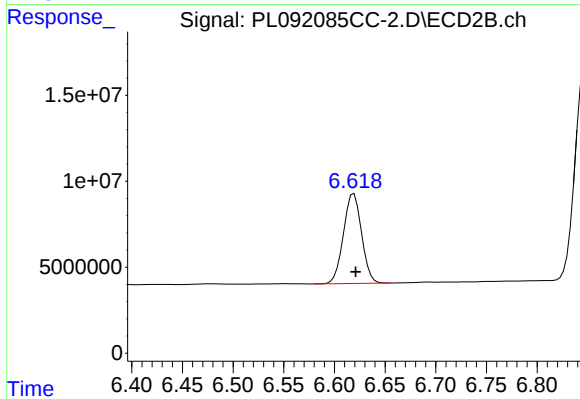
#19 Endosulfan Sulfate

R.T.: 6.342 min  
Delta R.T.: -0.002 min  
Response: 127007619  
Conc: 52.65 ng/ml



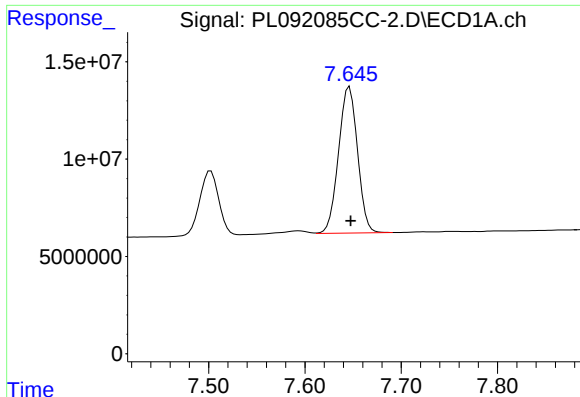
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.001 min  
Response: 45178314  
Conc: 46.02 ng/ml



#20 Methoxychlor

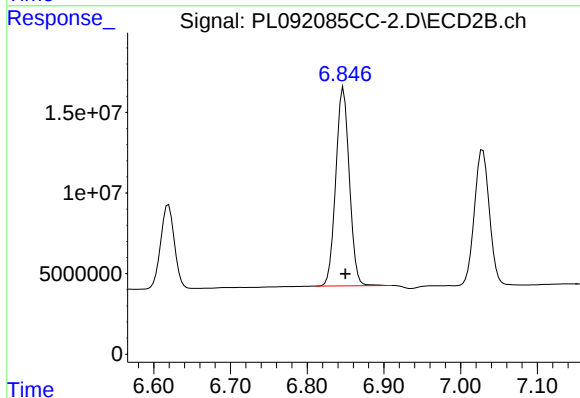
R.T.: 6.619 min  
Delta R.T.: -0.002 min  
Response: 64837135  
Conc: 51.86 ng/ml



#21 Endrin ketone

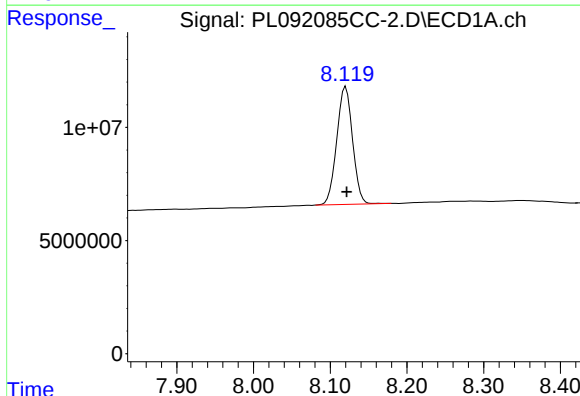
R.T.: 7.646 min  
Delta R.T.: -0.001 min  
Response: 102810745  
Conc: 46.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



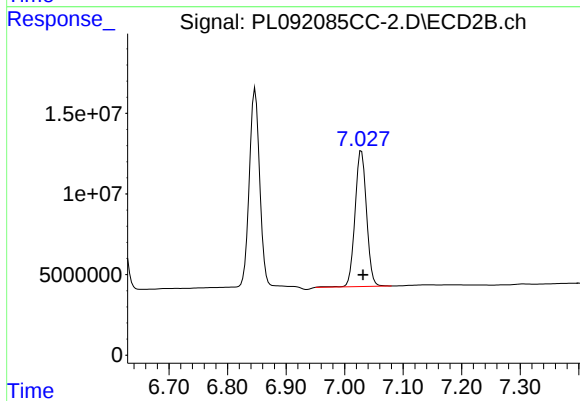
#21 Endrin ketone

R.T.: 6.847 min  
Delta R.T.: -0.003 min  
Response: 151282512  
Conc: 54.64 ng/ml



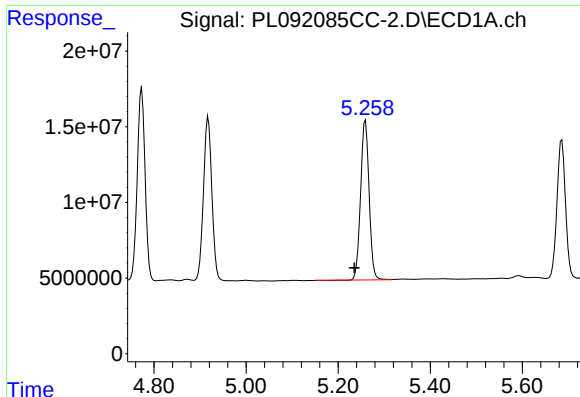
#22 Mirex

R.T.: 8.120 min  
Delta R.T.: -0.001 min  
Response: 74792224  
Conc: 41.53 ng/ml



#22 Mirex

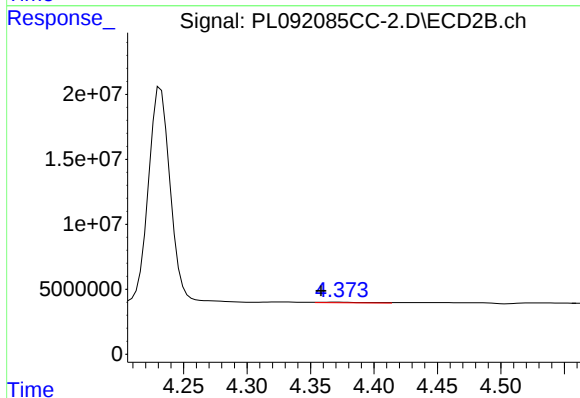
R.T.: 7.029 min  
Delta R.T.: -0.003 min  
Response: 115164601  
Conc: 47.34 ng/ml



#24 Chlordane-2

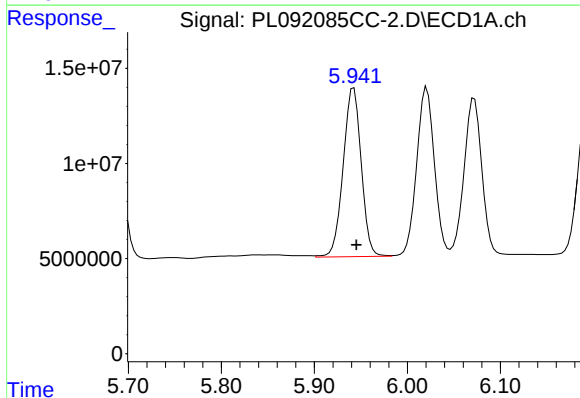
R.T.: 5.259 min  
Delta R.T.: 0.024 min  
Response: 135556294  
Conc: 1263.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



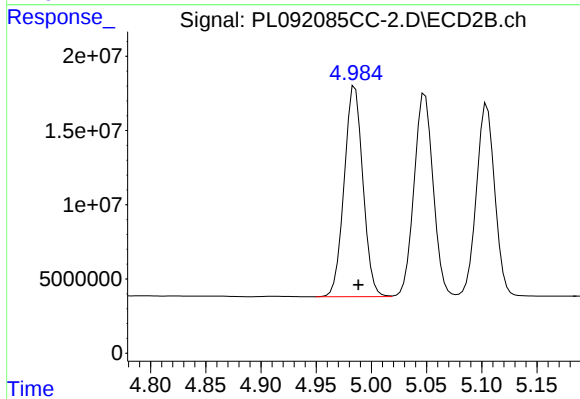
#24 Chlordane-2

R.T.: 4.370 min  
Delta R.T.: 0.012 min  
Response: 1273435  
Conc: 11.35 ng/ml



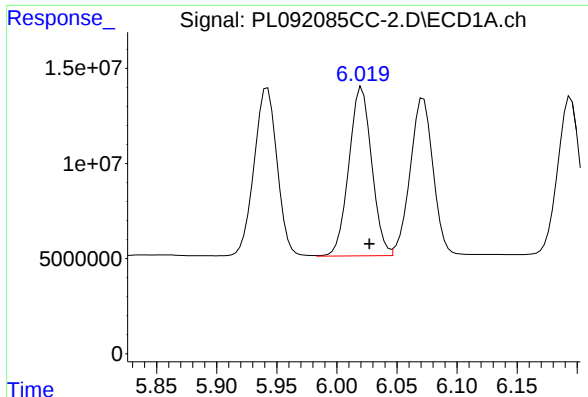
#25 Chlordane-3

R.T.: 5.942 min  
Delta R.T.: -0.003 min  
Response: 119589765  
Conc: 319.27 ng/ml



#25 Chlordane-3

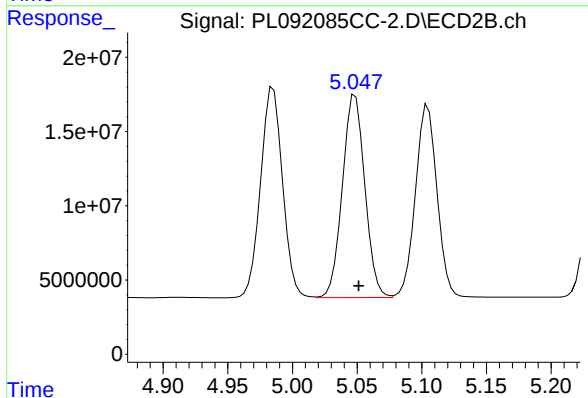
R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 167380649  
Conc: 505.33 ng/ml



#26 Chlordane-4

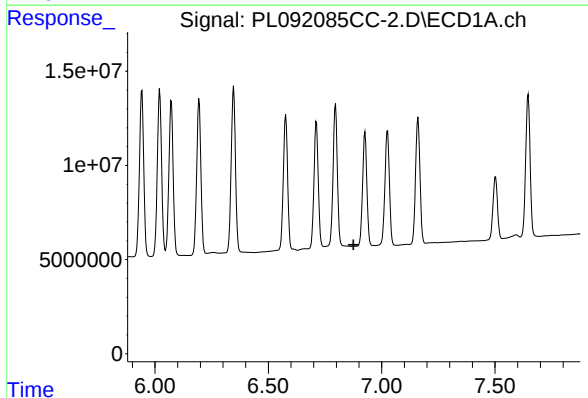
R.T.: 6.021 min  
Delta R.T.: -0.006 min  
Response: 117312726  
Conc: 259.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



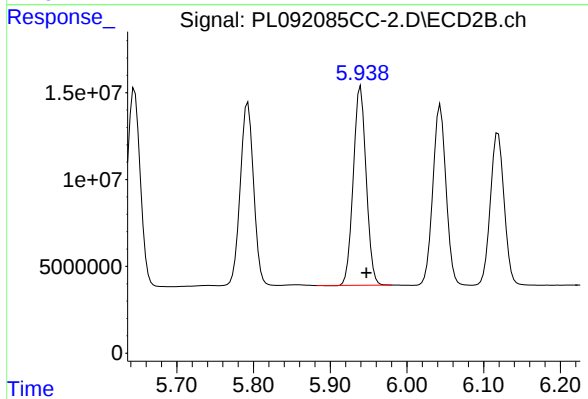
#26 Chlordane-4

R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 164589880  
Conc: 518.75 ng/ml



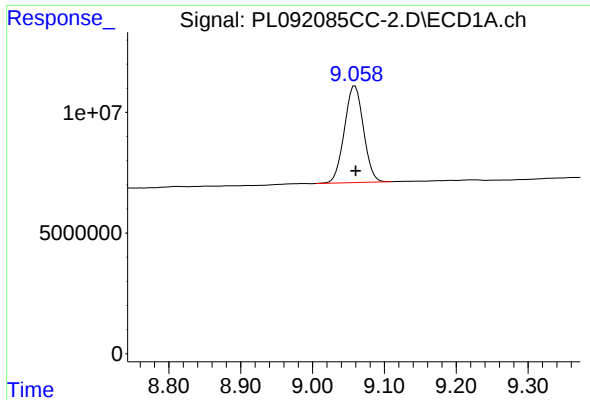
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.876 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

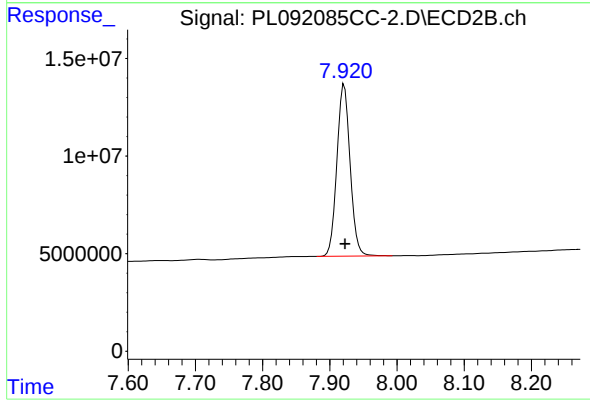
R.T.: 5.940 min  
Delta R.T.: -0.007 min  
Response: 134738314  
Conc: 1242.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min  
Delta R.T.: -0.001 min  
Response: 73716838  
Conc: 45.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.921 min  
Delta R.T.: -0.001 min  
Response: 119556174  
Conc: 47.79 ng/ml